

FIG. 1

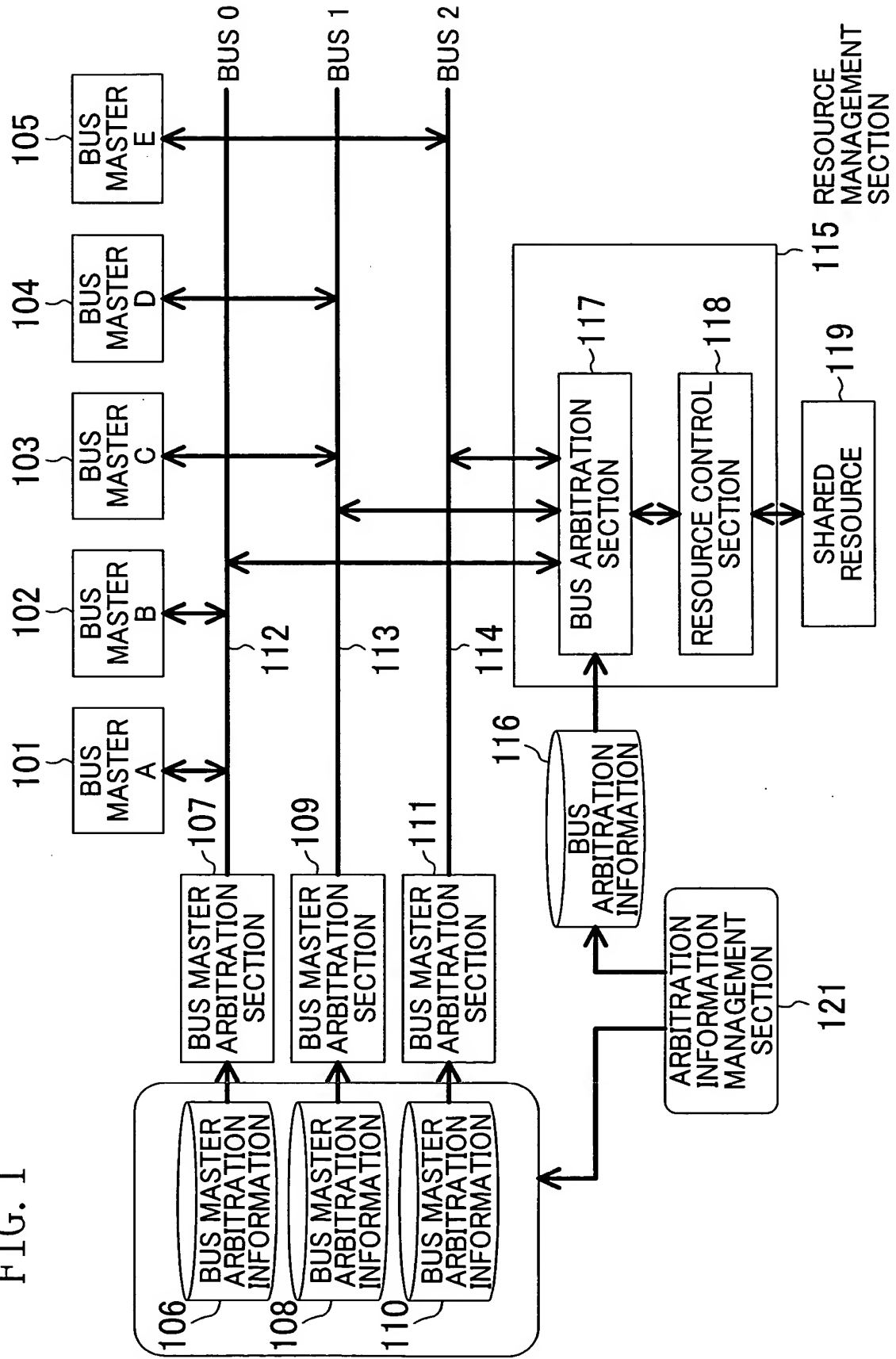


FIG. 2

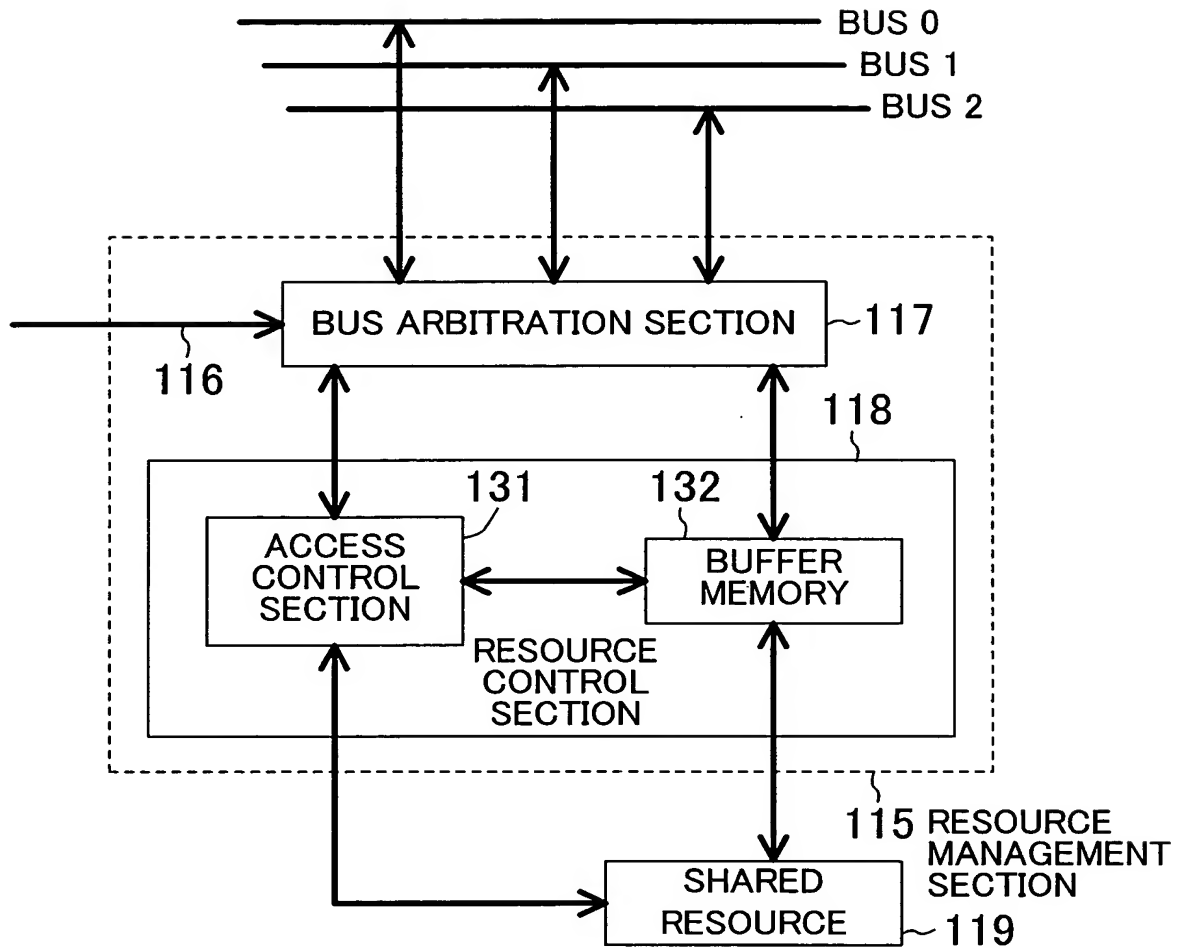
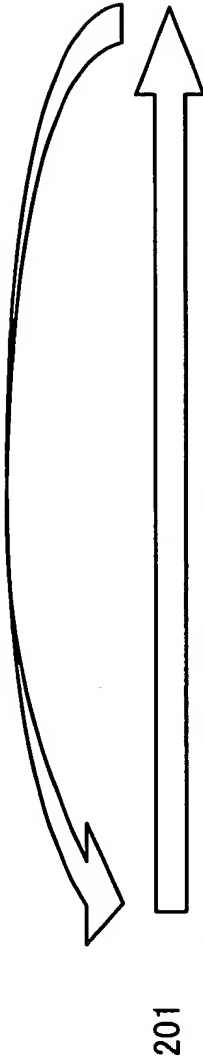


FIG. 3



	0	1	2	3	4	5	6	7	8	9	ACCESS PERMISSION PERCENTAGE
BUS 0	1	0	0	1	0	0	0	1	0	0	30%
BUS 1	0	1	0	0	1	1	0	0	1	1	50%
BUS 2	0	0	1	0	0	0	1	0	0	0	20%

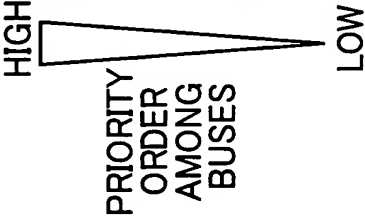


FIG. 4

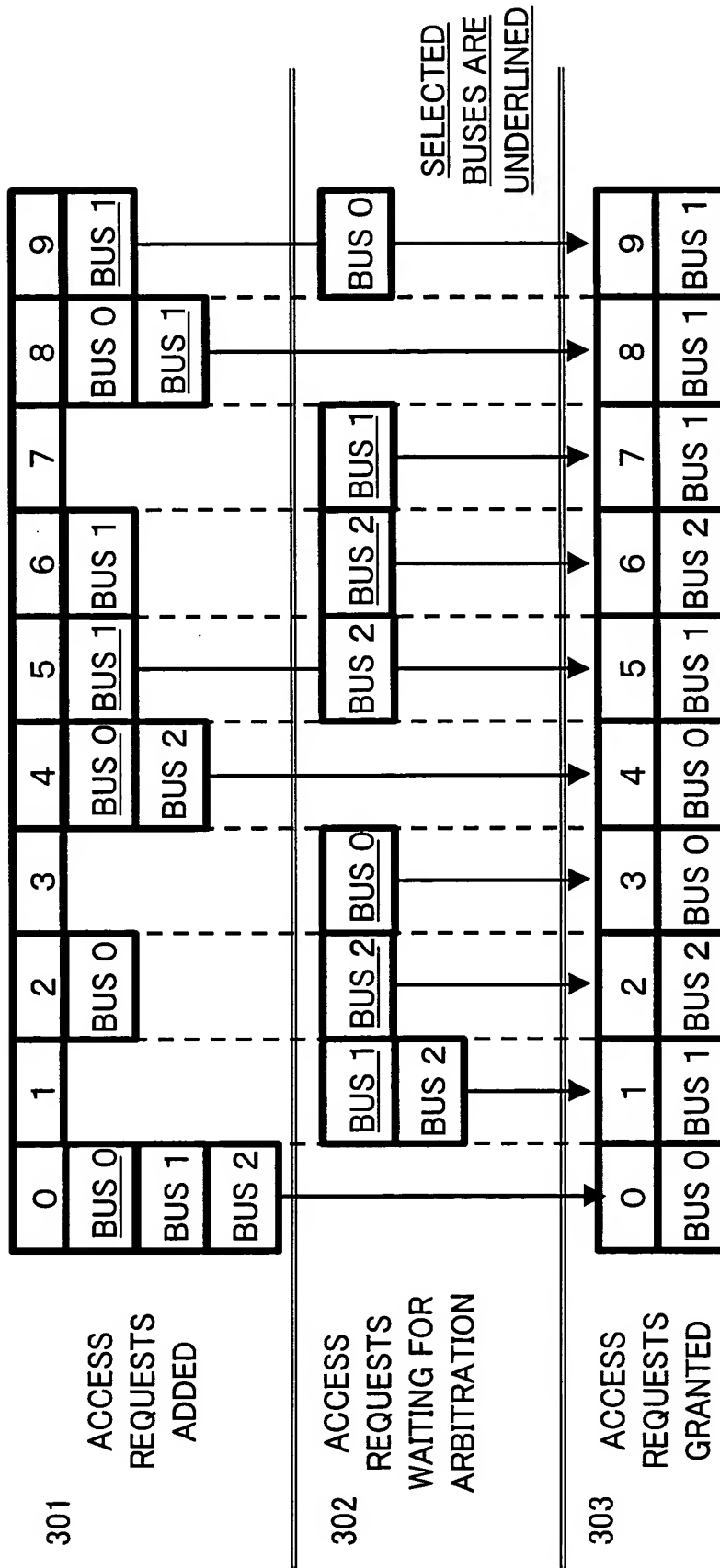


FIG. 5

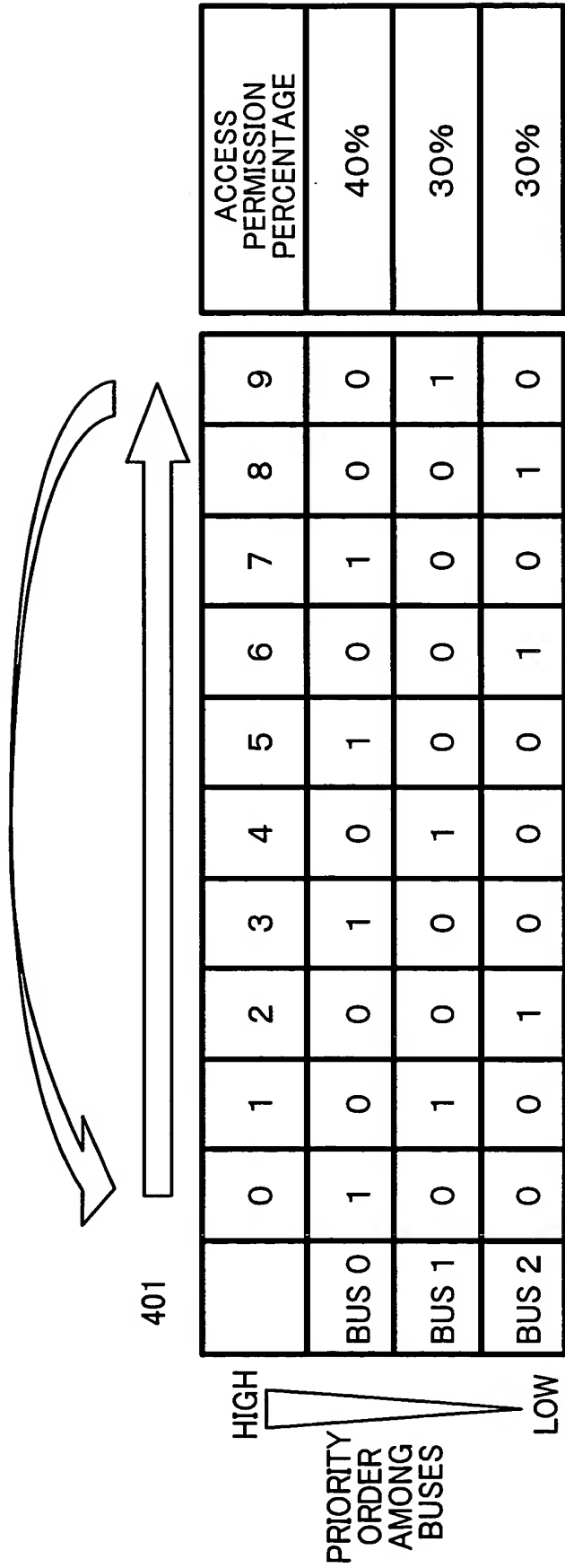


FIG. 6

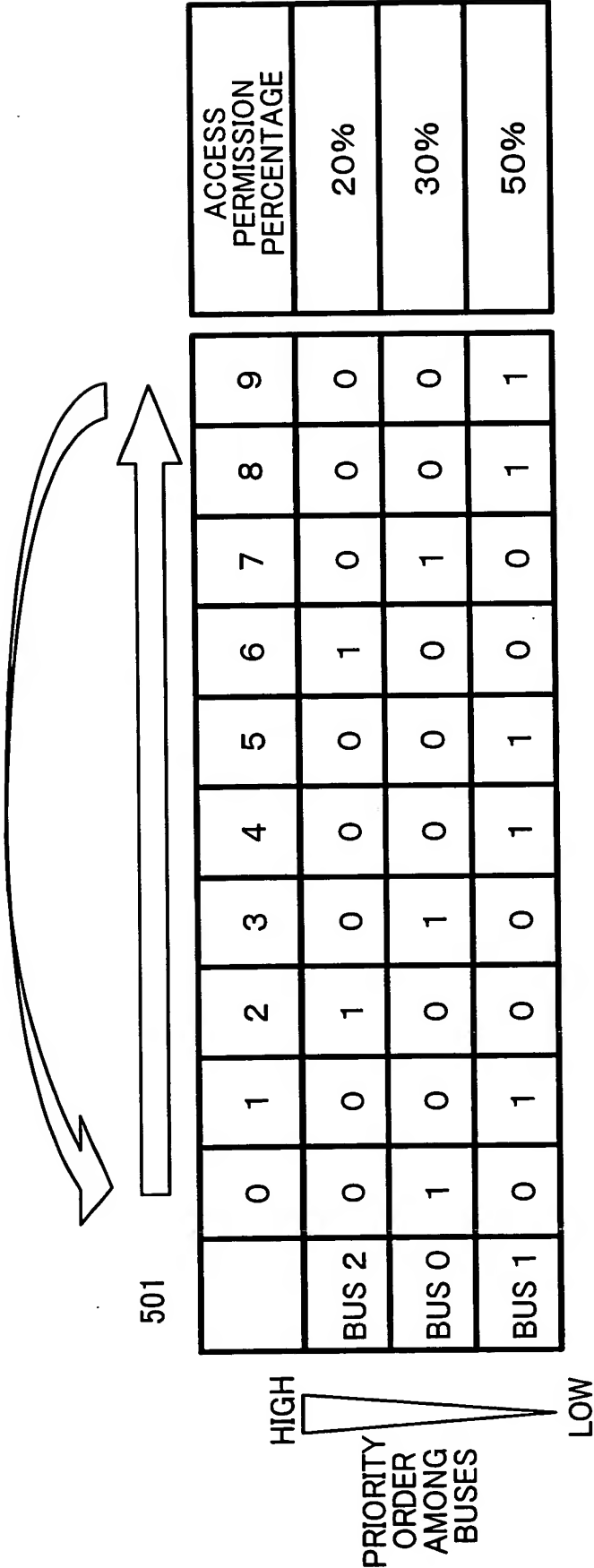


FIG. 7

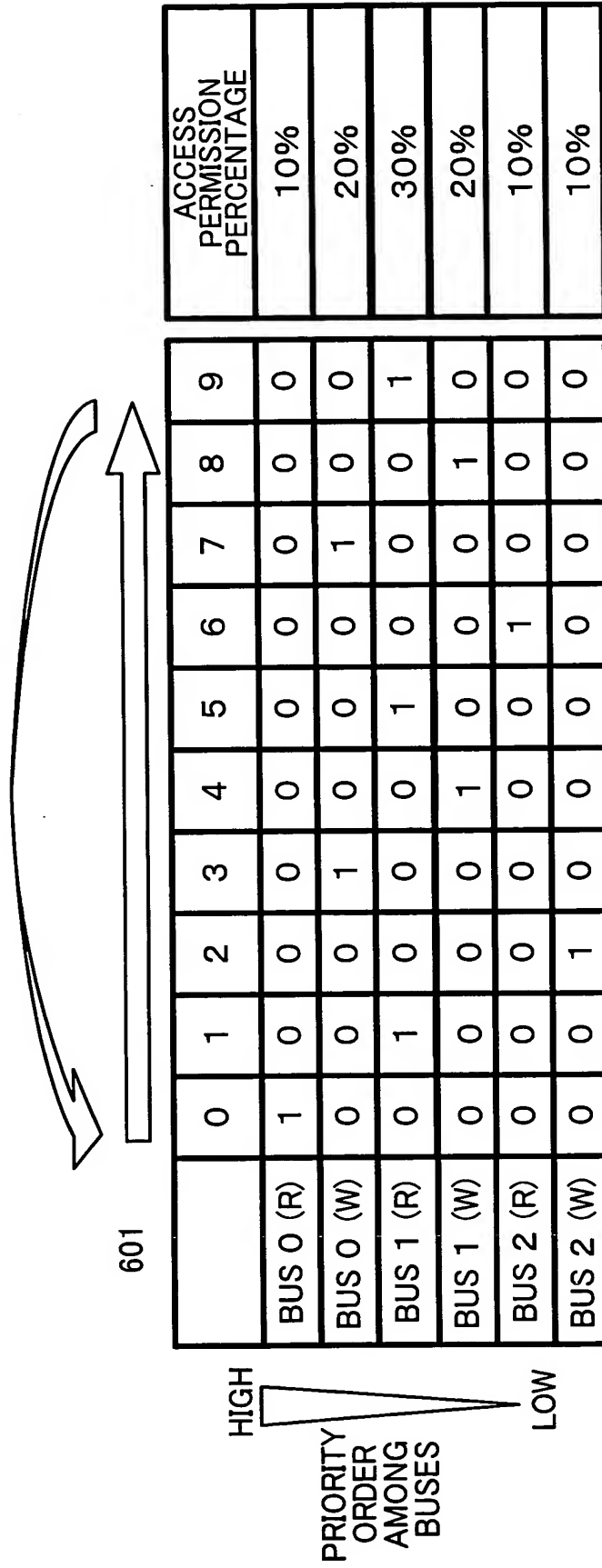


FIG. 8

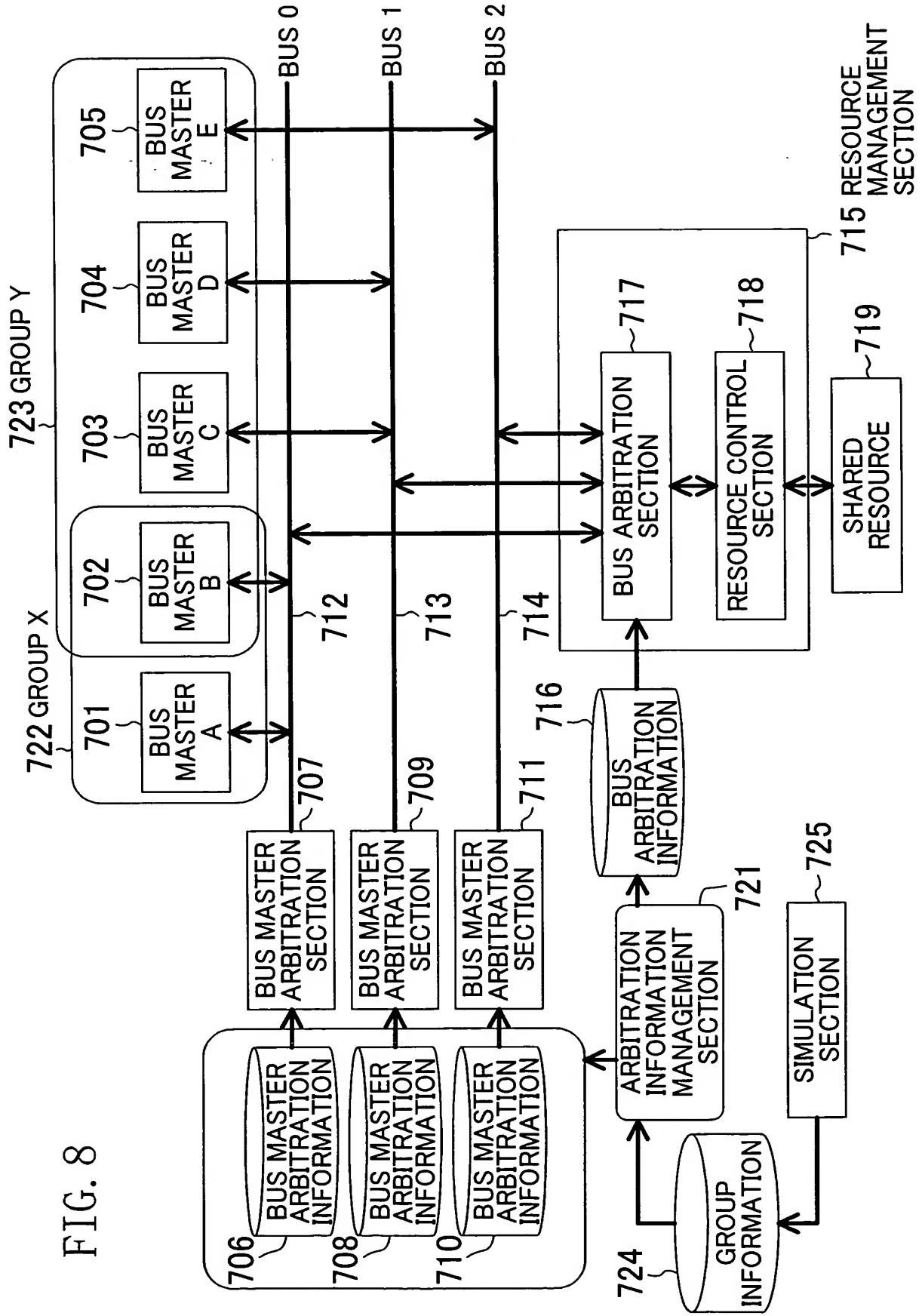




FIG. 9

901

	0	1	2	3	4	5	6	7
BUS MASTER A	1	1	0	1	0	0	0	1
BUS MASTER B	0	0	1	0	1	1	1	0

902

ACCESS PERMISSION PERCENTAGE FOR EACH BUS MASTER
50%
50%

911

	0	1	2	3	4	5	6	7	8	9
BUS MASTER C	1	0	1	1	0	0	0	1	0	0
BUS MASTER D	0	1	0	0	1	1	1	0	1	1

912

ACCESS PERMISSION PERCENTAGE FOR EACH BUS MASTER
40%
60%

921

	0	1	2	3	4	5	6	7	8	9
BUS 0	0	0	0	1	0	0	0	1	0	0
BUS 1	0	1	0	0	1	1	0	0	1	1
BUS 2	1	0	1	0	0	0	1	0	0	0

922

ACCESS PERMISSION PERCENTAGE FOR EACH BUS
20%
50%
30%

FIG. 10

931

GROUP	BUS MASTER A	BUS MASTER B	BUS MASTER C	BUS MASTER D	BUS MASTER E
GROUP X	10%	9%			
GROUP Y		21%	16%	24%	20%

932

RESOURCE USING PERCENTAGE FOR EACH GROUP	
グループ X	19%
グループ Y	81%

FIG. 11

1001

	0	1	2	3	4	5	6	7
BUS MASTER A	1	0	0	1	0	0	0	0
BUS MASTER B	0	1	1	0	1	1	1	1

1002

ACCESS PERMISSION PERCENTAGE FOR EACH BUS MASTER
25%
75%

1011

	0	1	2	3	4	5	6	7	8	9
BUS MASTER C	1	0	1	1	0	0	0	1	0	0
BUS MASTER D	0	1	0	0	1	1	1	0	1	1

1012

ACCESS PERMISSION PERCENTAGE FOR EACH BUS MASTER
40%
60%

1021

	0	1	2	3	4	5	6	7	8	9
BUS 0	0	0	0	1	0	0	1	1	0	1
BUS 1	0	1	0	0	1	1	0	0	1	0
BUS 2	1	0	1	0	0	0	0	0	0	0

1022

ACCESS PERMISSION PERCENTAGE FOR EACH BUS
40%
40%
20%

FIG. 12

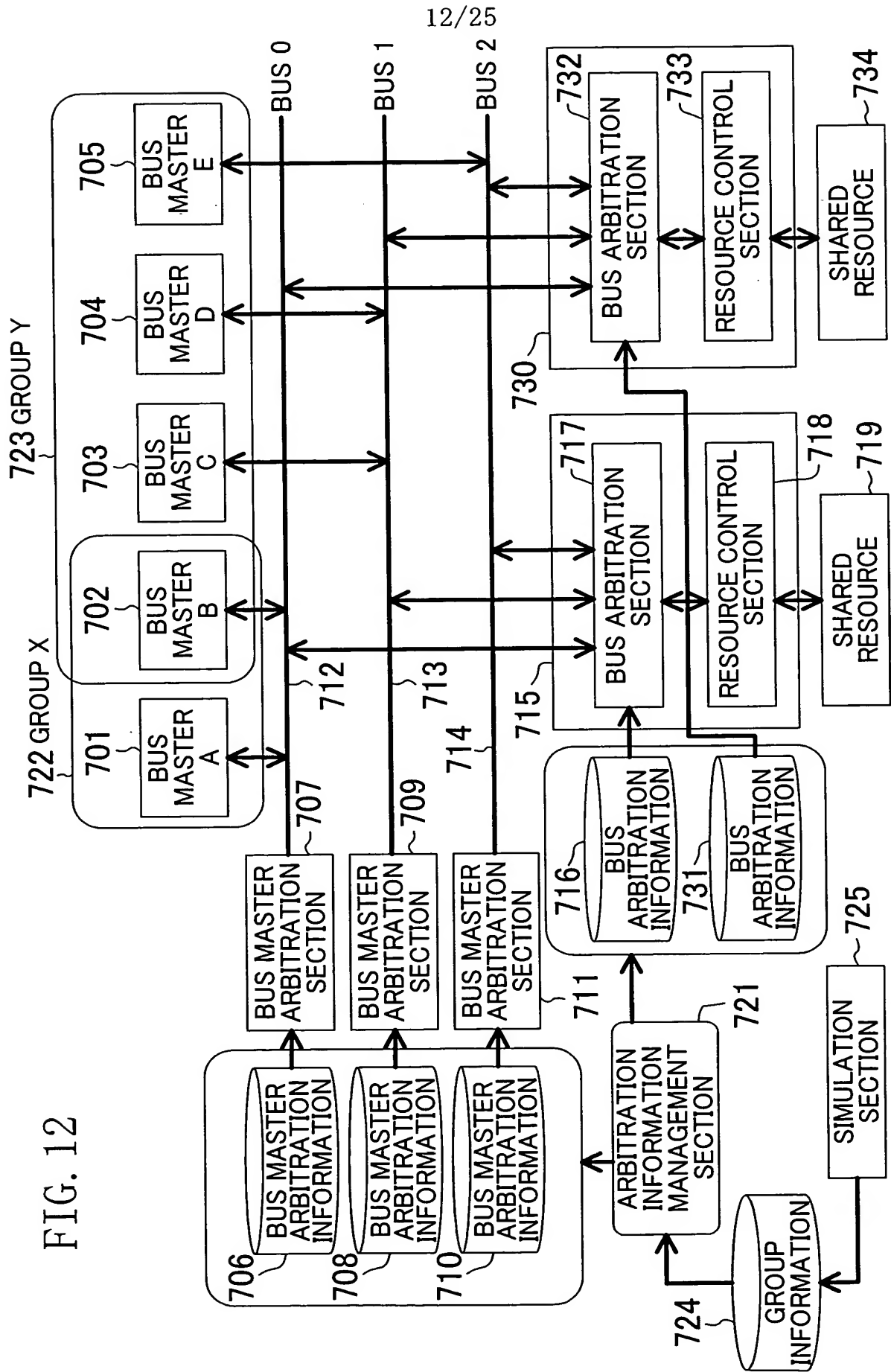


FIG. 13

1201

	BUS MASTER A : MASTER B : MASTER C : MASTER D : MASTER E	
SHARED RESOURCE 719	9 : 12 : 6 : 9 :	20
SHARED RESOURCE 734	4 : 2 : 5 : 20 :	15

1202

BUS 0	BUS MASTER A-SHARED RESOURCE 719: 30%
	BUS MASTER B-SHARED RESOURCE 719: 40%
	BUS MASTER A-SHARED RESOURCE 734: 20%
	BUS MASTER B-SHARED RESOURCE 734: 10%

1203

BUS 1	BUS MASTER C-SHARED RESOURCE 719: 20%
	BUS MASTER D-SHARED RESOURCE 719: 30%
	BUS MASTER C-SHARED RESOURCE 734: 10%
	BUS MASTER D-SHARED RESOURCE 734: 40%

1204

BUS 2	BUS MASTER E-SHARED RESOURCE 719: 50%
	BUS MASTER E-SHARED RESOURCE 734: 50%

1205

	BUS 0: BUS 1: BUS 2
SHARED RESOURCE 719	30 : 30 : 40
SHARED RESOURCE 734	20 : 50 : 30

FIG. 14

1301

	0	1	2	3	4	5	6	7	8	9	ACCESS PERMISSION PERCENTAGE
BUS MASTER A- SHARED RESOURCE 719	1	0	0	1	0	0	1	0	0	0	30%
BUS MASTER B- SHARED RESOURCE 719	0	1	0	0	1	1	0	0	0	1	40%
BUS MASTER A- SHARED RESOURCE 734	0	0	1	0	0	0	0	0	1	0	20%
BUS MASTER B- SHARED RESOURCE 734	0	0	0	0	0	0	0	1	0	0	10%

1302

	0	1	2	3	4	5	6	7	8	9	ACCESS PERMISSION PERCENTAGE
BUS MASTER C- SHARED RESOURCE 719	0	0	0	1	0	0	1	0	0	0	20%
BUS MASTER D- SHARED RESOURCE 719	1	0	0	0	0	0	0	1	1	0	30%
BUS MASTER C- SHARED RESOURCE 734	0	0	1	0	0	0	0	0	0	0	10%
BUS MASTER D- SHARED RESOURCE 734	0	1	0	0	1	1	0	0	0	1	40%

1303

	0	1	2	3	4	5	6	7	8	9	ACCESS PERMISSION PERCENTAGE
BUS MASTER E-SHARED RESOURCE 719	0	1	0	1	0	1	1	0	0	1	50%
BUS MASTER E-SHARED RESOURCE 734	1	0	1	0	1	0	0	1	1	0	50%

FIG. 15

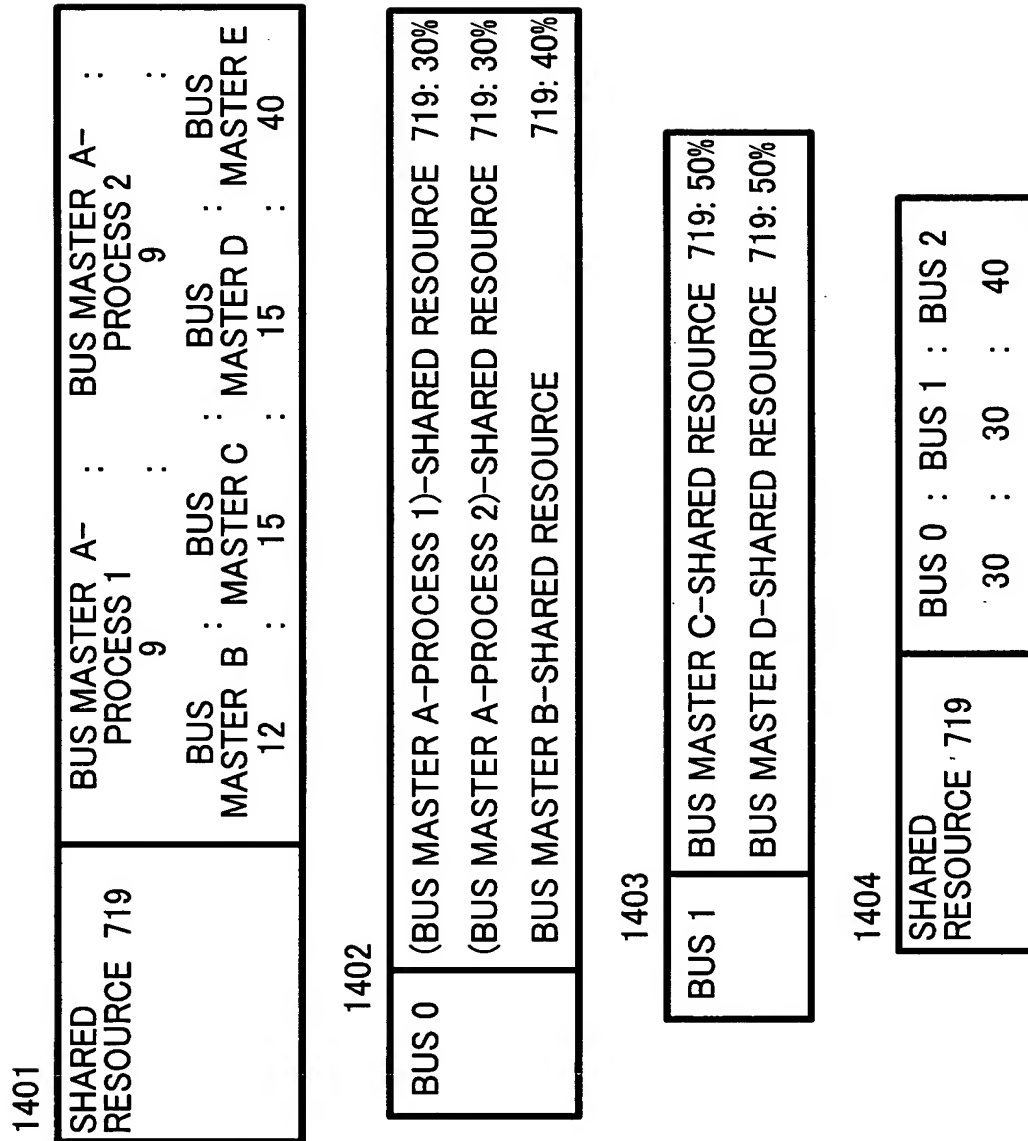


FIG. 16

1501

	0	1	2	3	4	5	6	7	8	9	ACCESS PERMISSION PERCENTAGE FOR EACH PROCESS
BUS MASTER A-PROCESS 1	1	0	0	1	0	0	1	0	0	0	30%
BUS MASTER A-PROCESS 2	0	1	0	0	1	0	0	0	0	1	30%
BUS MASTER B	0	0	1	0	0	1	0	1	1	0	40%



FIG. 17

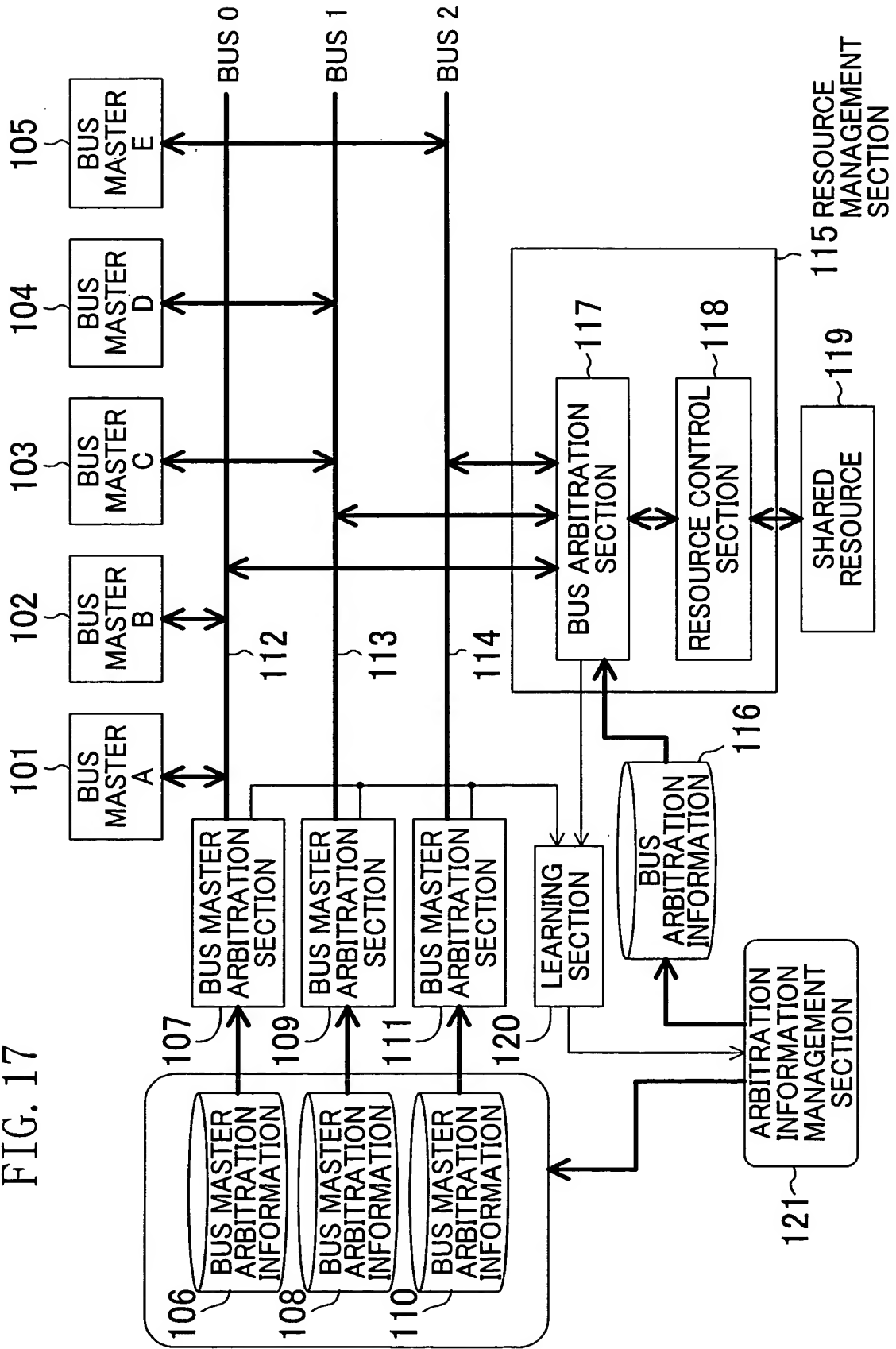


FIG. 18

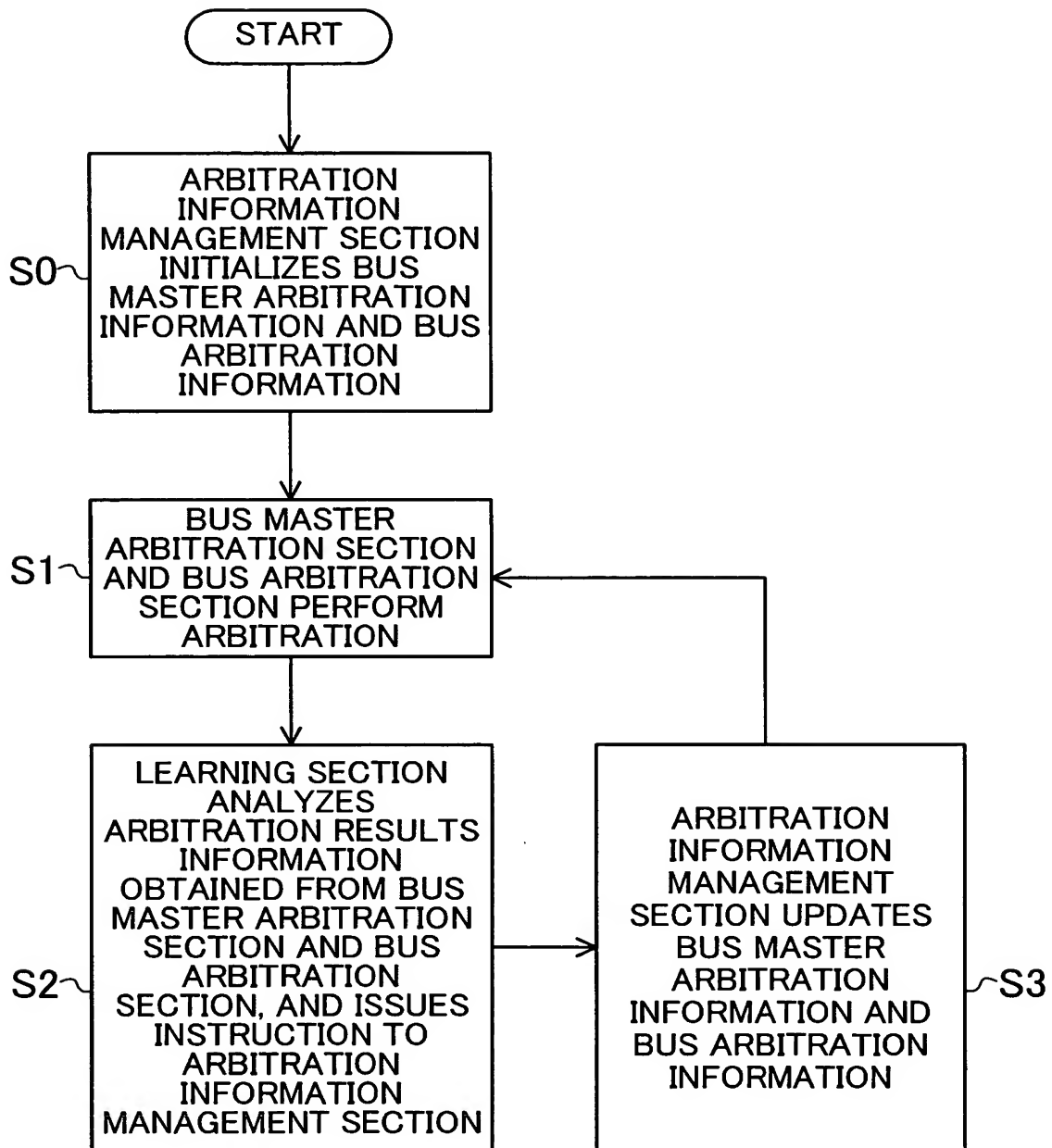


FIG. 19

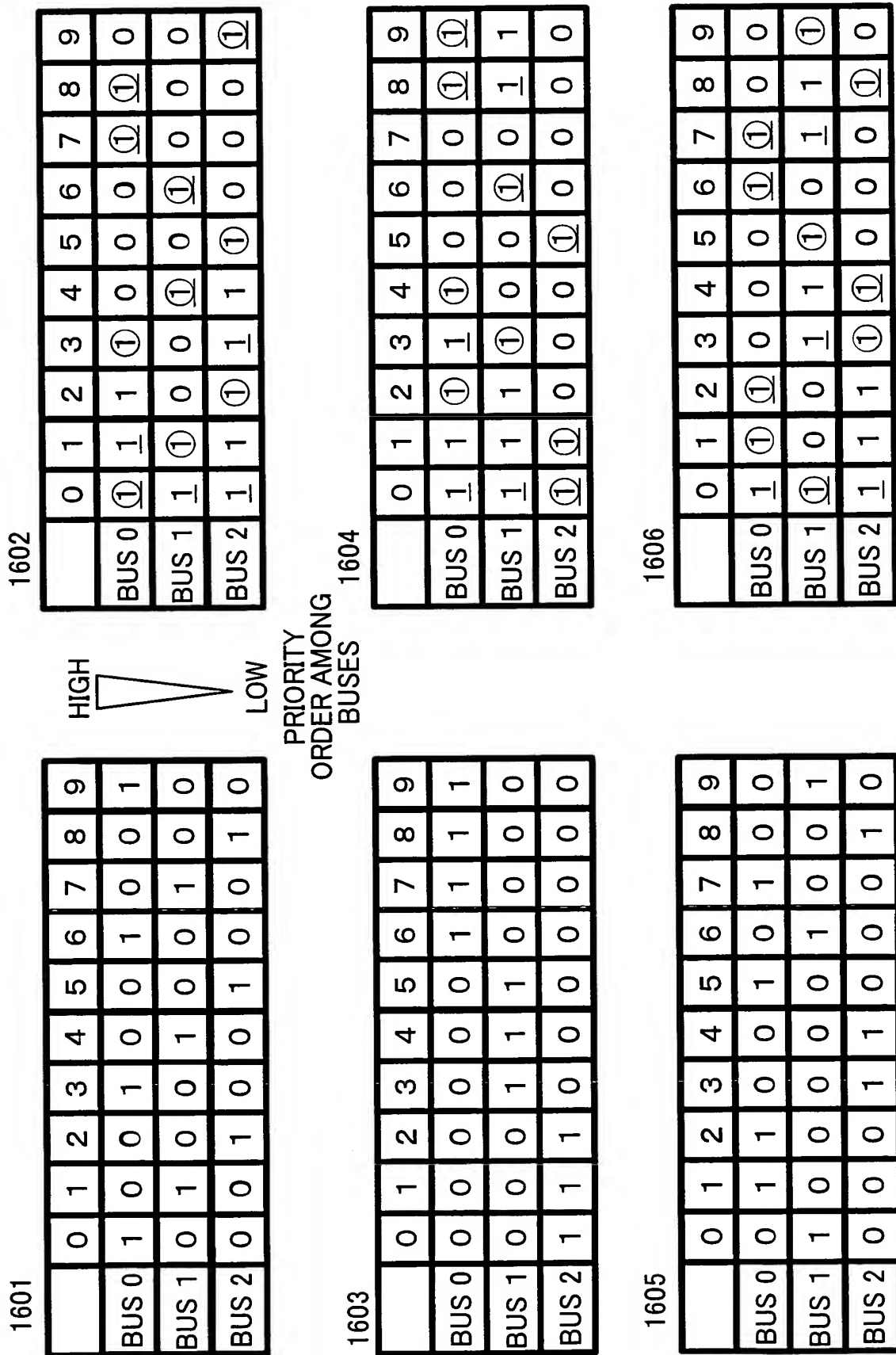


FIG. 20

1701

	0	1	2	3	4	5	6	7	8	9
BUS 0	1	0	0	1	0	0	0	1	0	0
BUS 1	0	1	0	0	0	1	1	0	1	1
BUS 2	0	0	1	0	1	0	0	0	0	0

HIGH

LOW

1702

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
BUS 0	<u>1</u>	0	0	<u>1</u>	1	1	<u>1</u>	<u>1</u>	0	0	<u>1</u>	0	0	<u>1</u>	<u>1</u>
BUS 1	<u>1</u>	<u>1</u>	<u>1</u>	1	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	0	0	1	<u>1</u>	1	1	1
BUS 2	<u>1</u>	1	<u>1</u>	<u>1</u>	<u>1</u>	0	0	0	1	<u>1</u>	1	1	<u>1</u>	1	<u>1</u>
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
BUS 0	1	1	<u>1</u>	0	0	<u>1</u>	0	0	<u>1</u>	<u>1</u>	1	1	<u>1</u>	0	0
BUS 1	<u>1</u>	<u>1</u>	<u>1</u>	0	<u>1</u>	1	<u>1</u>	<u>1</u>	1	1	<u>1</u>	<u>1</u>	1	<u>1</u>	0
BUS 2	0	0	0	1	<u>1</u>	1	1	<u>1</u>	1	<u>1</u>	0	0	0	1	<u>1</u>

PRIORITY  
ORDER AMONG  
BUSES

1703

	0	1	2	3	4	5	6	7	8	9
BUS 0	1	0	0	0	0	0	1	1	0	0
BUS 1	0	1	1	1	1	0	0	0	1	0
BUS 2	0	0	0	0	0	1	0	0	0	1

HIGH 

LOW  
PRIORITY  
ORDER AMONG  
BUSES

FIG. 21

1801		0	1	2	3	4	5	6	7	8	9
	BUS 0	1	0	0	1	0	0	0	1	0	0
	BUS 1	0	1	0	0	1	1	1	0	1	1
	BUS 2	0	0	1	0	0	0	0	0	0	0

1802		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	BUS 0	<u>1</u>	0	0	<u>1</u>	0	0	0	0	<u>1</u>	0	<u>1</u>	0	0	<u>1</u>	0
	BUS 1	0	<u>1</u>	0	0	<u>1</u>	0	<u>1</u>	0	0	<u>1</u>	0	<u>1</u>	0	0	<u>1</u>
	BUS 2	0	0	<u>1</u>	1	1	0	<u>1</u>	0	<u>1</u>	0	0	0	<u>1</u>	1	1

1803		0	1	2	3	4	5	6	7	8	9
	BUS 0	1	0	0	1	0	0	0	1	0	0
	BUS 1	0	1	0	0	1	0	1	0	1	1
	BUS 2	0	0	1	0	0	1	0	0	0	0

HIGH  
  
 LOW

PRIORITY  
 ORDER AMONG  
 BUSES

FIG. 22

1901

	0	1	2	3	4	5	6	7	8	9
BUS 0	0	0	0	0	0	0	0	1	0	1
BUS 1	0	0	0	0	0	0	1	0	1	0
BUS 2	1	1	1	1	1	1	0	0	0	0

HIGH

LOW

1902

PRIORITY  
ORDER AMONG  
BUSES

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
BUS 0	①	①	0	0	①	0	1	①	0	0	①	①	0	0	①
BUS 1	1	1	1	1	1	1	①	1	①	0	1	1	1	1	1
BUS 2	0	0	①	0	①	①	1	1	1	①	0	0	①	①	0
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
BUS 0	0	1	①	0	0	①	①	0	0	①	0	1	①	0	0
BUS 1	1	①	1	①	0	1	1	1	1	1	1	①	1	①	0
BUS 2	①	1	1	1	①	0	0	①	①	0	①	1	1	1	①

1903

	0	1	2	3	4	5	6	7	8	9
BUS 1	0	0	0	0	0	0	1	0	1	0
BUS 2	1	1	1	1	1	1	0	0	0	0
BUS 0	0	0	0	0	0	0	0	1	0	1

HIGH

LOW  
PRIORITY  
ORDER AMONG  
BUSES

FIG. 23

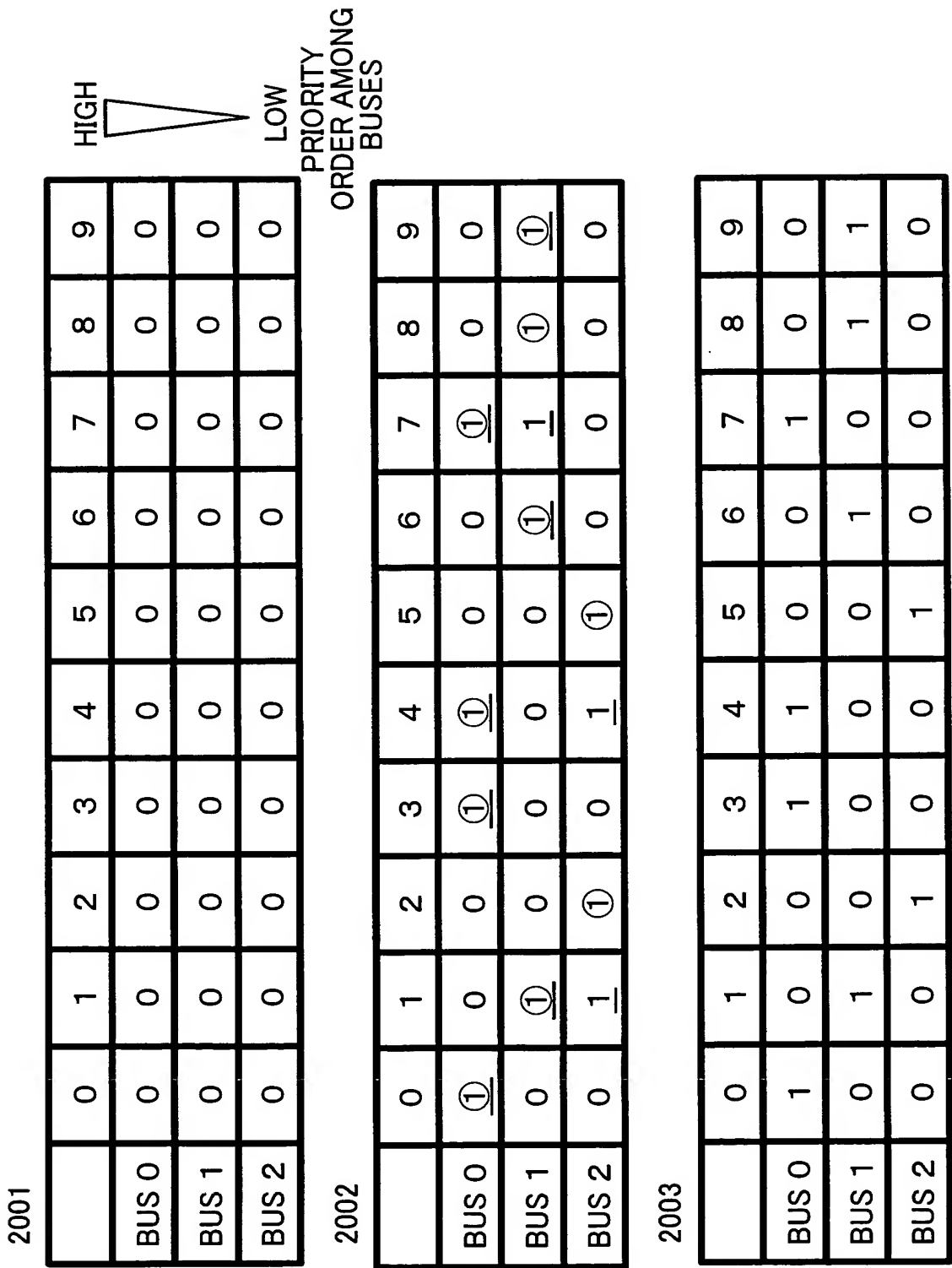


FIG. 24

2101

	0	1	2	3	4	5	6	7	8	9
BUS MASTER A	1	0	0	1	0	1	0	1	0	0
BUS MASTER B	0	1	1	0	1	0	1	0	1	1

2102

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14
BUS MASTER A	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	0	<u>1</u>	0	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>	<u>1</u>
BUS MASTER B	<u>1</u>	<u>1</u>	<u>1</u>	0	<u>1</u>	0	<u>1</u>	<u>1</u>	<u>1</u>	0	<u>1</u>	<u>1</u>	<u>1</u>	0	<u>1</u>
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
BUS MASTER A	<u>1</u>	0	<u>1</u>	0	0	<u>1</u>	<u>1</u>	1	<u>1</u>	<u>1</u>	<u>1</u>	0	<u>1</u>	0	0
BUS MASTER B	0	<u>1</u>	<u>1</u>	<u>1</u>	0	<u>1</u>	<u>1</u>	<u>1</u>	0	<u>1</u>	0	<u>1</u>	<u>1</u>	<u>1</u>	0

2103

	0	1	2	3	4	5	6	7	8	9
BUS MASTER A	1	1	1	0	0	0	0	1	0	0
BUS MASTER B	0	0	0	1	1	1	1	0	1	1

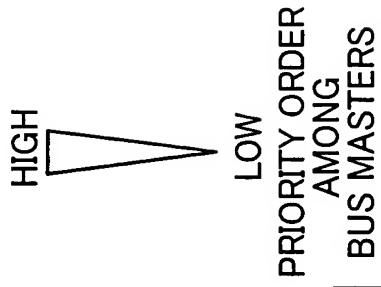




FIG. 25

